

REQUEST FOR DEVIATION / WAIVER (RFD / RFW)				1. DATE (YYMMDD)		Form Approved	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington DC 20503. <b>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR HIS CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</b>				010215		OMB NO. 0704-0188	
				2. PROCURING ACTIVITY NUMBER L156108		3. DODACC	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) FN MANUFACTURING, INC.		b. ADDRESS (Street, City, State, Zip Code) 797 CLEMSON RD. COLUMBIA, S.C. 29229		5. (X ONE) DEVIATION <input checked="" type="checkbox"/> WAIVER		6. (X ONE) MAJOR <input checked="" type="checkbox"/> MINOR <input checked="" type="checkbox"/> CRITICAL	
7. DESIGNATION FOR DEVIATION / WAIVER a. MODEL / TYPE RIFLE		b. CAGE CODE 38679		c. SYS DESIG. M16A2 / M16A4		d. DEV / WAIVER NO. 0046-W-0003	
				e. BASELINE AFFECTED FUNCTIONAL <input checked="" type="checkbox"/> ALLOCATED PRODUCT		f. OTHER SYSTEM / CONFIGURATION ITEMS AFFECTED YES <input checked="" type="checkbox"/> NO	
10. TITLE OF DEVIATION / WAIVER Special Packaging Instructions							
11. CONTRACT NO. AND LINE ITEM DAAE20-86-C-0382, DAAE20-00-D-0048 DAAE20-89-C-0122				12. PROCURING CONTRACTING OFFICER a. NAME (First, Middle, Last) b. CODE c. TELEPHONE NO.			
13. CONFIGURATION ITEM NOMENCLATURE RIFLE, 5.56MM: M16A2 RIFLE, 5.56MM: M16A4 MODIFICATION KIT				14. CLASSIFICATION OF DEFECT a. CD NO. BLK 22 b. DEFECT NO. BLK22 c. DEFECT CLASSIFICATION X MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> CRITICAL			
15. NAME OF LOWEST PART / ASSEMBLY AFFECTED Special Packaging Instructions				16. PART NO. OR TYPE DESIGNATION P9349000 P12973001			
17. EFFECTIVITY UPON APPROVAL				18. RECURRING DEVIATION / WAIVER YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
19. EFFECT ON COST / PRICE NONE IF APPROVED				20. EFFECT ON DELIVERY SCHEDULE NONE IF APPROVED			
21. EFFECT ON INTEGRATED LOGISTICS SUPPORT, INTERFACE OR SOFTWARE NO EFFECT							
22. DESCRIPTION OF DEVIATION / WAIVER Permission to use Wrap 22019, Type II currently being supplied by Vendor. This Vendor is currently not on The QPL listing.							
23. NEED FOR WAIVER Currently receiving Wrap Type II from Vendor. Wrap is made to MIL-PRF-22019D, TYPE II. Made by CORTEC Laboratories. ( See Attachment A, B, C )							
24. CORRECTIVE ACTION TAKEN Cortec Laboratories along with FNMI are pursuing the qualification to the QPL Listing of Cortec Laboratories or a change to the Special Packaging Instructions. (See Attachment D)							
25. SUBMITTING ACTIVITY a. TYPED NAME (First, Middle Initial, Last) Jeffrey Rankin b. TITLE DIRECTOR, CONTRACTS c. SIGNATURE 							
26. APPROVAL / DISAPPROVAL a. APPROVAL <input checked="" type="checkbox"/> DISAPPROVED b. TYPED NAME (First, Middle Initial, Last) Ronald E. Eide c. SIGNATURE 				d. DATE SIGNED (YYMMDD) 20010227			
e. GOVERNMENT ACTIVITY TACOM-ARDEC, AMSTA-AR-CCL-E				f. DATE SIGNED (YYMMDD) 20010227			

Statement D, DoD & Contractors  
SMCAR-CCL-L  
(controlling DoD Office)

2/26/01  
27 FEB 2001

7C179A-1P, 02

# CORTEC

615 Wells Road Parkway, St. Paul, MN 55118 USA  
Phone (612) 426-1100, Fax (612) 426-1122  
Tel/Fax (612) 4-261122, E-mail [info@stancell.com](mailto:info@stancell.com)  
Internet <http://www.stancell.com>

January 16, 2001

From: Mike Hobbay  
Cortez Corporation

**To Whom It May Concern,**  
This letter is to confirm that Cor-Pak VCI Cold Seal Film meets the requirements stated in MIL-PRF-22019D, Type 2. This specification deals with the cold seal types of flexible, transparent barrier materials with volatile corrosion inhibitors.

If you want any further information feel free to contact me.

**1. Introduction**

Reg'd.  
 Mike Hoday  
 Technical Services  
 61-429-1100 ext 166  
 1000 1st St. N. W.

NOT ON A PL

Attachment A

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15:44 123-15-2001

**ATTACHMENT B**

SPECIAL PACKAGING INSTRUCTION (Continued)									
NATIONAL STOCK NUMBER 1005-01-128-9936					SPI NUMBER (PN) AM 9349000				
PACKAGING MATERIALS									
PN	DRAWING	ITEM AND SIZE	SPECIFICATION	STYLE	TYPE	GRADE	CLASS	VARIETY	QTY PER ITEM
1		BARRIER MATERIAL, TRANSPARENT, VCI TREATED	MIL-B-22010		I OR II				A/R
2		BAG	MIL-B-117		I		B		A/R
3	57286299	BORE TUBE, VCI TREATED P/N 8444872 1005-00-187-3536							1
4		BOX, FIBERBOARD (41 X 9 1/2 X 3 1/2 LD.)  MANUFACTURERS JOINT MUST BE SECURED WITH METAL FASTENERS	PPP-B-836	RSC		W5c			1
5		FIBERBOARD, BLOCKING (BARREL)	PPP-F-320 (SEE SHEET 6)						1
6		FIBERBOARD, BLOCKING (BUTTSTOCK)	PPP-F-320 (SEE SHEET 6)						1
7		TAPE	PPP-T-78						A/R
NOMENCLATURE RIFLE ASSEMBLY, M16A2					PAGE NUMBER 2		NUMBER OF PAGES 7		

# Attachment C

SPECIAL PACKAGING INSTRUCTION				Form Approved OMB No. 0704-0188	
<p>1. PART OR DRAWING REL. NOMENCLATURE: 12973001 M16A1 RIFLE, 5.56MM</p> <p>2. NATIONAL STOCK NUMBER: 1008013832972</p> <p>3. QRP 1/AY</p> <p>4. ICG</p> <p>5. UNIT PACK WT. (LB. (P.)) 8.8</p> <p>6. DATE OF DRAINAGE 12/18/97</p> <p>7. UNIT PACK CU. (CU. FT.) (P.)) 0.87</p> <p>8. SERIAL (A99P12973001)</p> <p>9. POSITION / DRAWING -L7K3038</p> <p>10. UNIT PACK SIZE (INCHES) (H. x W. x D.) 48.8 x 9.7 x 9.8</p>					
12. MILITARY PRESERVATION MIL-STD-2073-1, METHOD 33		13. CLEANING * SEE NOTE A		14. DRYING * SEE NOTE B	
15. PACKING A. LEVEL A MIL-STD-2073-1C B. LEVEL B MIL-STD-2073-1C C. OTHER MIL-STD-129 NOTE 1		16. DESCRIPTION PRESERVATIVE, VY-L-000 SEE NOTE C 7200299 VCI TREATED BORE TUBE INTIMATE WRAP, MIL-STD-2073 TYPE I OR TYPE II SEE NOTE E			
<p>17. NOTES/REMARKS</p> <p>*UNLESS OTHERWISE SPECIFIED, CLEANING AND DRYING SHALL BE IN ACCORDANCE WITH PARAGRAPH 5.2.1 OF MIL-STD-2073-1C. WEIGHTS AND SIZES ARE ESTIMATED AND MAY VARY SLIGHTLY. INTERMEDIATE PACKAGING AND PACKING WILL BE IN ACCORDANCE WITH SPECIFICATION MIL-STD-2073-1C OR AS OTHERWISE SPECIFIED HEREON.</p> <p>A) THE RIFLE SHALL BE DISASSEMBLED AS NECESSARY TO ACCOMPLISH THE REQUIRED CLEANING. ALL METALLIC SURFACES SHALL BE CLEANED WITH P-D-600. NONMETALLIC SURFACES SHALL BE CLEANED BY ANY PROCESS THAT DOES NOT DAMAGE THE ITEM. SURFACES OF COMPONENTS SUBJECTED TO BURNED POWDER RESIDUES, SUCH AS THE BOLT AND BOLT CARRIER ASSEMBLY, FIRING PIN, BARREL BORE AND CHAMBER, ETC., SHALL BE SCRUBBED CLEAN WITH BRISTLE BRUSHES AND/OR SWABS SATURATED WITH RIFLE BORE CLEANER, MIL-C-372. FLUSH THE SCRUBBED SURFACES WITH SOLVENT P-D-600.</p> <p>B) ALL CLEANED SURFACES SHALL BE THOROUGHLY DRIED PRIOR TO PRESERVATIVE APPLICATION. DRYING SHALL BE WITH PREPARED COMPRESSED AIR, EXCEPT FOR THE BARREL BORE, CHAMBER, AND FLASH SUPPRESSOR, WHICH SHALL BE DRIED BY WIPING WITH CLEAN, LINT-FREE SWABS.</p> <p>C) PRESERVATIVE SHALL BE APPLIED TO ALL METALLIC SURFACES OF THE RIFLE BY BRUSHING OR SPRAYING. EXCESS OIL SHALL BE THOROUGHLY DRAINED FROM THE COATED SURFACES. THE PRESERVED RIFLE SHALL BE ALLOWED TO DRAIN FOR A MINIMUM OF ONE HOUR PRIOR TO CONTINUING WITH THE PACKAGING PROCESS. VCI TREATED MATERIAL SHALL BE USED IN ACCORDANCE WITH MIL-4-6574 AND INSTRUCTION SPECIFIED HEREIN.</p> <p>D) ASSURE THAT THE HAMMER IS IN THE FIRED POSITION (AGAINST THE BOLT CATCH), AND THE FIRING PORT COVER IS LATCHED SHUT. INSERT VCI BORE TUBE INTO BARREL.</p> <p>E) ENCAPSULATE WEAPON IN INTIMATE WRAP AND COMPLETELY SEAL AROUND THE WEAPON</p> <p>(Continued on Page 2)</p>					
WSG: 11F ITEM SIZE: 39.50 X 9.00 X 2.00		ITEM WEIGHT: 7.75		APPROVED: JAMES F. ZOLL	
STATEMENT A, UNLIMITED					

Tom Nelson

**ATTACHMENT "D"**

From: "Brian Torppey" <torppeyb@home.com>  
To: "Tom Nelson" <tom.nelson@cortecvci.com>  
Cc: <torppeyb@home.com>  
Sent: Monday, February 19, 2001 8:19 PM  
Subject: RE: Show-off Cortec at Corrosion Summit

Tom,

Yes, this is the same situation. The government contract quality specialist at FN contacted the Product Manager for the M-16 rifle here at Picatinny, who forwarded the message to the design engineer, who forwarded the message to me.

It would be great if four small samples of the Cortec cold seal material could be shipped to my team leader, Tony D'Angelo, at Picatinny. That way he can show the material to the Product Manager and the design engineer for the M-16. Also, if possible, could you have sent to Tony one small sample of the Ivex material for comparison. Then, on the government side of the house, after I get agreement from the people at Picatinny, I would write a new Special Packaging Instruction document calling out the Cortec material.

My team leader's address:

US Army TACOM-ARDEC  
ATTN: AMSTA-AR-WEP (Tony D'Angelo)  
Bldg 455  
Picatinny Arsenal, NJ 07806-5000

Brian

~~Original Message~~

From: Tom Nelson [mailto:tom.nelson@cortecvci.com]  
Sent: Monday, February 19, 2001 9:57 AM  
To: Brian Torppey  
Cc: Lee Boutelle; Anna Vignetti  
Subject: Re: Show-off Cortec at Corrosion Summit

Brian,

It is good to hear from you. We have a cold seal material that is not QPL listed, but is being spec'd in for the use at FN Mfg for the M-16. We are currently working with a distributor on the cold seal bags for this application. Maybe this is the same one you are talking about.

We are not replacing a Ludlow product, but rather an Ivex cold seal product.

We will be able to make a cold seal bag, identical to the one that is currently being used.

This will match Mil B-22019C. Please let me know if this is what you are referring to and what samples you would like.

2/20/2001

FEB-28-2001 10:22



**DEPARTMENT OF THE ARMY**  
**UNITED STATES ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND**  
**1 ROCK ISLAND ARSENAL**  
**ROCK ISLAND, ILLINOIS 61299-7630**  
**28 Feb 2001**

REPLY TO  
ATTENTION OF

Crew Served Weapons Contracting Team

**SUBJECT: Request for Waiver L1S6108 for spare parts for the M240/M249  
Machine Guns and M16 Rifle**

Mr. Joe Taylor  
FW Manufacturing Inc.  
797 Clemson Road  
Columbia, South Carolina 29229

Dear Mr. Taylor:

Enclosed approved Request for Waiver (RFW) L1S6108 is proposed for incorporation into the following purchase orders/contracts in accordance with FAR 52.243-1, Changes Clause.

DAAE20-99-D-0104 with Mary Robbins  
DAAE20-00-D-0081 with Teresa Stottlemeyer  
DAAE20-99-C-0127 with Daniel Thorpe  
DAAE20-99-D-0100 with Teresa Stottlemeyer  
DAAE20-00-D-0082 with Sheri Gross  
DAAE20-01-P-0006 with Sheri Gross  
DAAE20-01-P-0094 with Sue McGregor  
DAAE20-99-D-0116 with Teresa Stottlemeyer  
DAAE20-00-D-0069 with Teresa Stottlemeyer

Please note RFW L1S6108 can only be used through 31 Aug 2001.

If you can incorporate this change at no cost to the government and no change to the delivery schedule, please have an authorized representative sign the acknowledgment below. This letter becomes your authorization to proceed with the RFW.

Your authorized representative's signature signifies your agreement to the change and your willingness to incorporate this at no cost to the government and no change to the delivery schedule. This change is effective on the date you sign the acknowledgment.

**ACKNOWLEDGMENT**

SIGNATURE

DATE 28 Feb 01

Typed Name Ron Vallee

Title Director, Finance

If you cannot incorporate this RFW at no cost to the government and no change to the delivery schedule, please notify the point of contact by 7 Mar 01 and provide a firm cost proposal/delivery schedule. If you plan to submit a cost proposal do not incorporate this RFW until the contracting officer authorizes you to do so.

FEB-28-2001 WED 11:21 AM

FAX NO.

P. 03


FEB-28-2001 10:23

ACRLH HTS1H AC FOR

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The point of contact is Teresa Stottlesmyre, AMSTA-IC-CSCA,  
(309) 782-4626, data fax (309) 782-3813, electronic mail  
stottlesmyre@ria.army.mil.

sincerely.

  
Kristin A. Mendoza  
Contracting Officer

Enclosure

Copy Furnished:

DCMC Atlanta, Attn: Karen Bender

DCMC Atlanta, Terry Smith c/o FPMI

TOTAL P.02